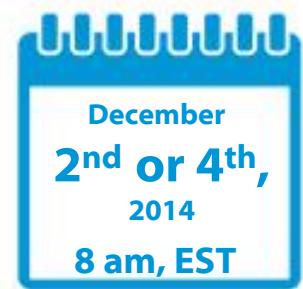


## Seminar

# Biosafety and Biosecurity: Minimizing the Risks in the Laboratory

Sponsored by the Virginia Division of Consolidated Laboratory Services  
and the National Laboratory Training Network (NLTN)



## Description

In this era of biological emergencies, from accidental releases to intentional dissemination to global outbreaks, it is critical for laboratories to operate safely and securely. The biosafety sessions of this program will identify key concerns of laboratory biosafety; including the use of biosafety level 3 (BSL-3) practices in a BSL-2 environment, proper use of personal protection equipment (PPE), how to work safely in a biological safety cabinet (BSC), and how to conduct risk assessments. The biosecurity sessions will present laboratory security principles described in the 5th edition of Biosafety in Microbiological and Biomedical Laboratories (BMBL) and include how to conduct risk assessments and how to develop a good biosecurity plan. Using case studies as well as risk assessment exercises, attendees will be able to apply these biosafety and biosecurity principles and concepts to the laboratory.

## Audience

This basic to intermediate-level program is designed for supervisors, safety professionals, and laboratorians working in clinical, reference, research, and public health laboratories.

## Objectives

At the conclusion of this program, the participant will be able to:

- Discuss the importance of biosafety and biosecurity in laboratories.
- Explain the relationship between biosafety and biosecurity.
- Describe how to use BSL-3 practices in a BSL-2 laboratory.
- Explain the risk assessment processes for both biosafety and biosecurity.



## Location

Division of Consolidated Laboratory Services, Richmond, VA

## Complimentary Registration

- Register online at <http://www.aphl.org/courses/Pages/039-14.aspx> and choose the date you wish to attend.
- Registration deadline is ten days before each course.
- If you have difficulty with the online registration process, please email [registrar@aphl.org](mailto:registrar@aphl.org) or call 240-485-2727.
- Upon registration, a confirmation email including address and directions to the seminar will be sent.
- For additional program information, email [seminar@aphl.org](mailto:seminar@aphl.org).

# Seminar

## Agenda

8:00 a.m.	Registration	12:30 p.m.	PPE Demonstrations
8:30 a.m.	Pre-Course Test	1:00 p.m.	Biosecurity Overview
8:45 a.m.	Overview-Agenda and Objectives	1:45 p.m.	Biosecurity Risk Assessment
9:00 a.m.	Biosafety in Laboratories: Handling Biological Materials	2:15 p.m.	Break
10:00 a.m.	Break	2:30 p.m.	Biosecurity Risk Assessment: Exercises
10:15 a.m.	Biosafety in Laboratories (cont'd)	3:15 p.m.	Post-Course Test
10:45 a.m.	Biosafety Risk Assessment	3:35 p.m.	Review of Test Questions
11:15 a.m.	Biosafety Risk Assessment: Exercises	3:45 p.m.	Adjourn
12:00 p.m.	Lunch		

## Faculty

**Carole G. Carter, MLS(ASCP)**, DCLS Sentinel Laboratory Liaison/BT Training Coordinator, Sr. Scientist, Division of Consolidated Laboratory Services, Richmond, VA

**Jeff Marshall**, Biosafety Officer, Division of Consolidated Laboratory Services, Richmond, VA

**Shoolah H. Escott, MS, MT (ASCP)**, Health Scientist, Laboratory Training Branch, Division of Laboratory Programs, Standards, and Services, Center for Surveillance, Epidemiology and Laboratory Services, Office of Public Health and Scientific Services, Centers for Disease Control and Prevention, Atlanta, GA

## Continuing Education

The Association of Public Health Laboratories (APHL) is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program. Participants who successfully complete this program will be awarded **6.0** contact hours.

## Special Needs

In compliance with the Americans with Disabilities Act (ADA), individuals seeking special accommodations should submit their request in writing to [customersupport@aphl.org](mailto:customersupport@aphl.org) or phone 240-485-2746. Please allow sufficient time for APHL/NLTN to make arrangements, which is normally at least three weeks prior to the start date of the workshop.

## Course Number

P.A.C.E.® Course Numbers: 588-039-14, 588-040-14

Funding for this training was made possible (in part) by the Centers for Disease Control and Prevention. The views expressed in written training materials or publications and by speakers and moderators do not necessarily reflect the official policies of the Department of Health and Human Services, nor does the mention of trade names, commercial practices, or organizations imply endorsement by the U.S. Government.

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The National Laboratory Training Network is a training system sponsored by the Association of Public Health Laboratories (APHL) and the Centers for Disease Control and Prevention (CDC). For a complete list of courses, visit [www.nlttn.org/courses](http://www.nlttn.org/courses).